



## SEQUENCE LISTING

<110> FAIR LE DAVIDENT

MAXWELL, STEPHEN

FINCH, ANGELA MONIQUE

WONG, ALLAN

<120> CYCLIC ANGONISTS AND ANTAGONISTS OF C5a RECEPTORS AND G PROTEIN-COUPLED RECEPTORS

<130> 10648-0001-0PCT

<140> 09/446,109

<141> 2000-04-21

<150> PCT/AU98/00490

<151> 1998-06-25

<150> AU P07550

<151> 1997-06-25

<160> 24

<170> PatentIn version 3.0

<210> 1

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<221> misc\_feature

```
<223> Description of Artificial Sequence: synthetic DNA
<400> 1
Ile Ser His Lys Asp Met Gln Leu Gly Arg
<210> 2
<211> 10
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<400> 2
Tyr Ser Phe Lys Asp Met Gln Leu Gly Arg
<210> 3
<211> 10
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> SITE
<222> (9)..(9)
```

<400> 3

```
Tyr Ser Phe Lys Asp Met Pro Leu Xaa Arg
<210> 4
<211> 10
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> SITE
<222> (9)..(9)
<223> Xaa is D-Ala
<400> 4
Tyr Ser Phe Lys Pro Met Pro Leu Xaa Arg
<210> 5
<211> 21
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> MOD_RES
<222> (11)..(11)
```

```
<223> Acp
<220>
<221> SITE
<222> (20)..(20)
<223> Xaa is D-Ala
<400> 5
Arg Ala Ala Arg Ile Ser Leu Gly Pro Arg Xaa Tyr Ser Phe Lys Pro
Met Pro Leu Xaa Arg
<210> 6
<211> 20
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> MOD_RES
      (10)..(10)
<222>
<223> Acp
<220>
<221> SITE
<222> (19)..(19)
```

<223> Xaa is D-Ala

```
<400> 6
Lys Tyr Lys His Ser Val Val Lys Lys Xaa Tyr Ser Phe Lys Pro Met
Pro Leu Xaa Arg
<210> 7
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> MOD_RES
<222> (1)..(1)
<223> METHYLATION
<220>
<221> SITE
<222> (4)..(4)
<223> Xaa is D-cylcohexylalanine
<400> 7
Phe Lys Pro Xaa Trp Arg
           5
<210> 8
<211> 6
<212> PRT
<213> Artificial Sequence
```

```
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> MOD_RES
<222> (1)..(1)
<223> METHYLATION
<220>
<221> SITE
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (6)..(6)
<223> resideue is substituted with CONH2
<400> 8
Phe Lys Pro Xaa Trp Arg
<210> 9
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
```

```
<220>
<221> MOD_RES
<222> (1)..(1)
<223> METHYLATION
<220>
<221> SITE
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<400> 9
Phe Lys Pro Xaa Trp Arg
<210> 10
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> MOD_RES
<222> (1)..(1)
<223> METHYLATION
<400> 10
Phe Lys Pro Leu Trp Arg
```

```
<210> 11
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> SITE
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<400> 11
Phe Lys Pro Xaa Trp Arg
   5
<210> 12
<211> 6
```

<212> PRT

```
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> MOD_RES
<222> (2)..(2)
<223> Orn
<220>
<221> SITE
<222> (4)..(4)
<223> D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
<400> 12
Phe Xaa Pro Xaa Trp Arg
```

<210> 13

```
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> SITE
<222> (2)..(2)
<223> Xaa is (CH2)-NH2
<220>
<221> SITE
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
<400> 13
Phe Xaa Pro Xaa Trp Arg
              5
<210> 14
<211> 6
<212> PRT
```

<213> Artificial Sequence

```
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> SITE
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
<400> 14
Phe Xaa Pro Xaa Trp Arg
<210> 15
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> SITE
<222> (2)..(2)
<223> Xaa is (CH2)2-NH2
```

```
<220>
<221> SITE
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
<400> 15
Phe Xaa Pro Xaa Trp Arg
<210> 16
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature '
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> SITE
<222> (2)..(2)
<223> (CH2)2-NH2
<220>
```

<221> SITE

```
<222> (4)..(4)
```

<223> Xaa is D-cyclohexylalanine

<220>

<221> SITE

<222> (2)..(6)

<223> cyclic portion

<400> 16

Phe Xaa Pro Xaa Trp Arg

<210> 17

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> misc\_feature

<223> Description of Artificial Sequence: synthetic DNA

<220>

<221> MOD\_RES

<222> (1)..(1)

<223> ACETYLATION

<220>

<221> MOD\_RES

<222> (2)..(2)

<223> Orn

```
<220>
<221> SITE
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
<400> 17
Phe Xaa Pro Xaa Trp Arg
<210> 18
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> MOD_RES
```

<222> (2)..(2)

```
<223> Orn
<220>
<221> SITE
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
<400> 18
Phe Xaa Pro Xaa Trp Arg
<210> 19
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> SITE
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
```

<220>

```
<221> SITE
```

<223> cyclic portion

<400> 19

Phe Trp Pro Xaa Trp Arg

.

<210> 20

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> misc\_feature

<223> Description of Artificial Sequence: synthetic DNA

<220>

<221> MOD\_RES

<222> (1)..(1)

<223> ACETYLATION

<220>

<221> SITE

<222> (4)..(4)

<223> Xaa is D-cyclohexylalanine

<220>

<221> SITE

<222> (2)..(6)

<223> cyclic portion

```
<400> 20
Phe Lys Met Xaa Trp Arg
<210> 21
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> SITE
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
<400> 21
Phe Lys Lys Xaa Trp Arg
```

```
<210> 22
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> SITE
<222> (2)..(2)
<223> Xaa is (CH2)-NH2
<220>
<221> SITE
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
```

<400> 22

```
Phe Xaa Pro Xaa Trp Arg
<210> 23
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> SITE
<222> (2)..(2)
<223> Xaa is (CH2)-NH2
<220>
<221> SITE
<222> (4)..(4)
<223> residue is D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
```

<223> cyclic portion

```
<400> 23
Phe Xaa Pro Xaa Trp Arg
<210> 24
<211> 7
<212> PRT
<213> Artificial Sequence
<220>
<221> misc_feature
<223> Description of Artificial Sequence: synthetic DNA
<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> MOD_RES
      (3)..(3)
<222>
<223> Orn
<220>
<221> SITE
<222> (5)..(5)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (3)..(7)
```

<223> cyclic portion

<400> 24

Lys Phe Xaa Pro Xaa Trp Arg 1 5